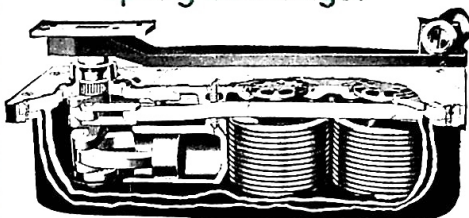
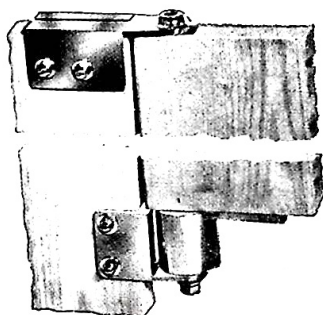


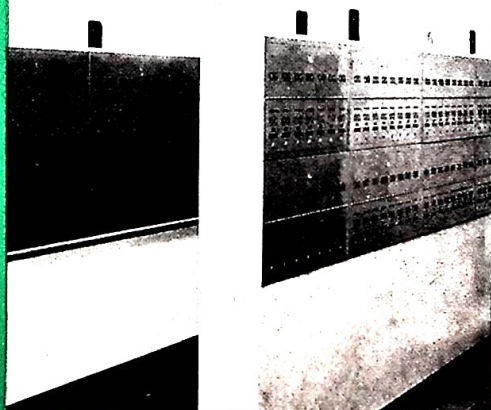
spring butt hinges



checking floor hinges



lavatory hinges • fittings



apartment house mail boxes



Reg. U. S. Pat. Office

- industrial
- commercial
- institutional
- residential

BOMMER

spring hinges

The Quality and Prices of Bommer Products

Standard for over 80 years, and kept up-to-date. The superiority of Bommer Spring Hinges is officially attested by consensus of expert opinion the world over through numerous inter-nation awards of competent juries over all competitors. Countless fine buildings throughout the world are equipped with Bommer Spring Hinges. Prices are guaranteed to be no higher than those for goods of corresponding type.

In Specifying:

Architects should use the word "Bommer" and in addition thereto, specify the size and finish required.

Hardware dealers and lock manufacturers can include them in their contracts.

Templet drawings and general catalog on request.

pioneers of the spring hinge industry

BOMMER SPRING HINGE CO., INC.

Landrum, South Carolina

Sales Office & Warehouse

263 Classon Ave., Brooklyn 5, N.Y.

180 N. Wacker Drive, Chicago 4, Ill.

spring butt hinges

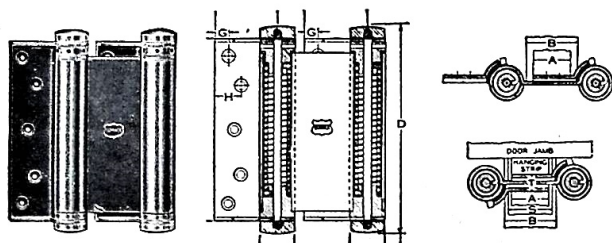
Bommer Standard spring butt hinges require a hanging strip for fastening hinges to the door jamb. They permit the door to be opened 180° if suitably hung. Bommer Ever Ready do not require a hanging strip and are fastened to surface of door jamb.

They are made of wrought steel, bronze and brass in all finishes. Spring barrels and their connecting plate integral are exceptionally strong and of uniform thickness. Springs are of large diameter and

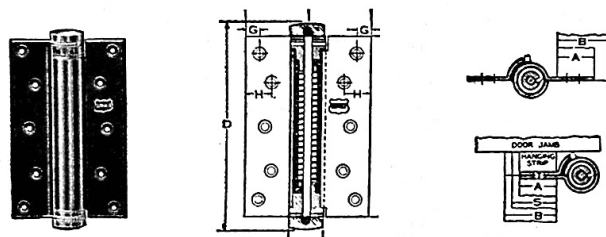
unusual length, made of best oil tempered steel, have great resilience and power and never go lame. The pintle and flange are interlocked, preventing the ball tips from working loose.

Note: Always use the largest size hinge the thickness of the door will permit. Any special finish to match other hardware can be furnished promptly.

■ standard type double action type 29



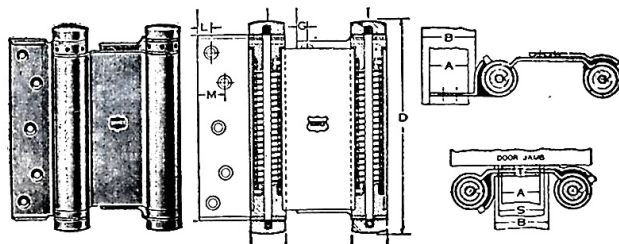
single action type 0



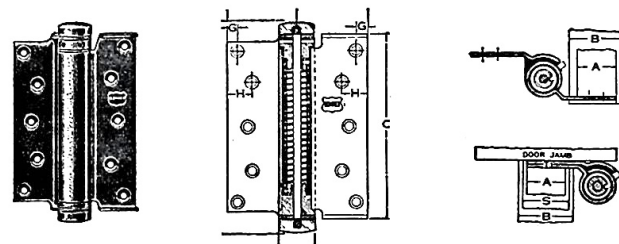
directions for selection and ordering

wt. of door	hinge size	white pine or soft wood doors				metal doors		hanging strip depth
		dim., min.		dim., max.		dim., max.		
		thick	wide	thick	wide	thick	wide	
30	3 inch	¾"	2' 4"	1"	2' 2"	⅞"	2' 2"	½"
42	4 inch	⅞"	2' 6"	1¼"	2' 4"	1⅞"	2' 4"	⅝"
56	5 inch	1⅞"	2' 8"	1½"	2' 6"	1⅜"	2' 6"	¾"
72	6 inch	1¼"	2'10"	1¾"	2' 8"	1½"	2' 8"	¾"
90	7 inch	1⅜"	3' 0"	2"	2'10"	1¾"	2' 9"	⅞"
110	8 inch	1½"	3' 2"	2¼"	3' 0"	2"	2'10"	1"
150	10 inch	1¾"	3' 4"	2½"	3' 2"	2⅞"	3' 0"	1⅞"
190	12 inch	2¼"	3' 6"	3"	3' 4"	2⅝"	3' 2"	1¼"

■ ever ready type double action type 3029



single action type 3000



directions for selection and ordering

wt. of door	hinge size	white pine or soft wood doors				metal doors	
		dim., min.		dim., max.		dim., max.	
		thick	wide	thick	wide	thick	wide
30	3 inch	3/4"	2' 4"	1"	2' 2"	7/8"	2' 2"
42	4 inch	7/8"	2' 6"	1 1/4"	2' 4"	1 1/8"	2' 4"
56	5 inch	1 1/8"	2' 8"	1 1/2"	2' 6"	1 3/8"	2' 6"
72	6 inch	1 1/4"	2' 10"	1 3/4"	2' 8"	1 1/2"	2' 8"
90	7 inch	1 3/8"	3' 0"	2"	2' 10"	1 3/4"	2' 10"
110	8 inch	1 1/2"	3' 1"	2 1/4"	3' 0"	2"	3' 0"

■ industrial hinge Type 17042



No. 17042 Industrial Hinge and No. 170 Spring Steel Bumpers are the ideal combination for use on warehouse loading platform doors and other industrial doors.

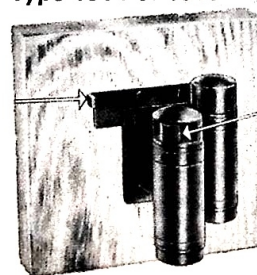
These hinges are especially designed and constructed to take the strain of heavy industrial doors and absorb the shock when motored trucks or hand trucks come in contact with the doors. Spring tension can be adjusted to meet the varying wind or draft conditions.

For doors 1 3/4" to 2 3/4" thick. Specify thickness when ordering.

Templet drawings submitted on request.

Reinforcing back plates also available—#270

■ louver door hinge with holdopen feature Type 1514 or 1515



This double-acting spring hinge is ideal for use on kitchen or pantry doors, in dens, playrooms, hospital rooms, and many other places where pairs of dwarf louver doors are used. Available in all standard finishes in two sizes, with or without new hold-open mechanism. Trim and neat in appearance, easy to install, needs no hanging strip.

Arrows in illustration indicate hold-open mechanism and keeper. For use on dwarf louver doors not exceeding 18 pounds in weight or 18 inches in width.

Gravity pivot with holdopen also available—#HO-1335

checking floor hinges

Exclusive Bommer features:

1. Auxiliary built-in safety valve.
2. No-rotate valve adjusting screw.
3. Cover plates all removable without taking door down.
4. Leak-proof gasket.

for entrance, vestibule and interior doors • residential, commercial, institutional

These hinges embody every improvement with the highest degree of precision not usually employed in mechanism of this kind, and most reliable and strong.

The checking mechanism is of valve and piston type and holds door under control, operates smoothly and closes the door without noise. The spring tension is adjustable. The closing speed of the door is regulated by a *needle valve*, accessible through the floor plate.

The opening resistance of the door is made as low as possible consistent with the closing force required.

The mechanism is immersed and operates in a non-freezing, lubricating and checking liquid.

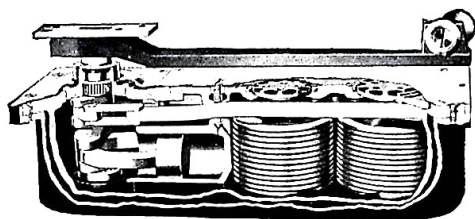
The hinge case is constructed of impermeable iron, preventing seepage of checking liquid.

The weight of the door is carried on hardened steel ball bearings.

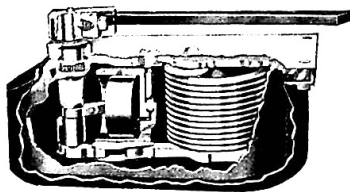
The best materials obtainable are used. Parts subject to wear are made of drop-forged or stamped steel, case-hardened. The spring is made of oil-tempered steel.

Conform to U. S. Government Specification FF-H-121.

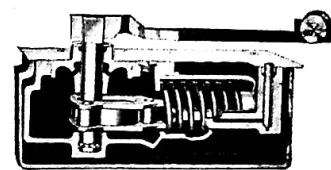
torsion spring type 86



type 88



compression spring type 81



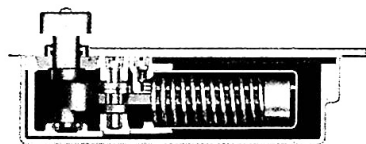
double action nos. 86, 87

These hinges have two springs and two checks. The spring can be adjusted to resist unequal wind pressure on either side and speed of door can be equalized by regulating the *needle valve*. The arm has a rectangular hole that fits securely onto the square tapered spindle and prevents door sagging.

single action nos. 88, 88½ and 89

These hinges have an adjustable arm that permits raising or lowering the door on the spindle and when setscrew is firmly tightened will positively prevent door slipping and dragging on the threshold.

dixie checking floor hinge



single-acting, handed • offset-hung • for interior doors

A compact, single-acting, offset-hung checking floor hinge for interior doors. No. 83 DIXIE gives you all of this—shallow installation, four sizes, choice of hold open, choice of pivots, choice of cement cases.

No. 83-A—For doors up to and including 2'8" wide.

No. 83-B—For doors over 2'8" wide, up to and including 3' wide.

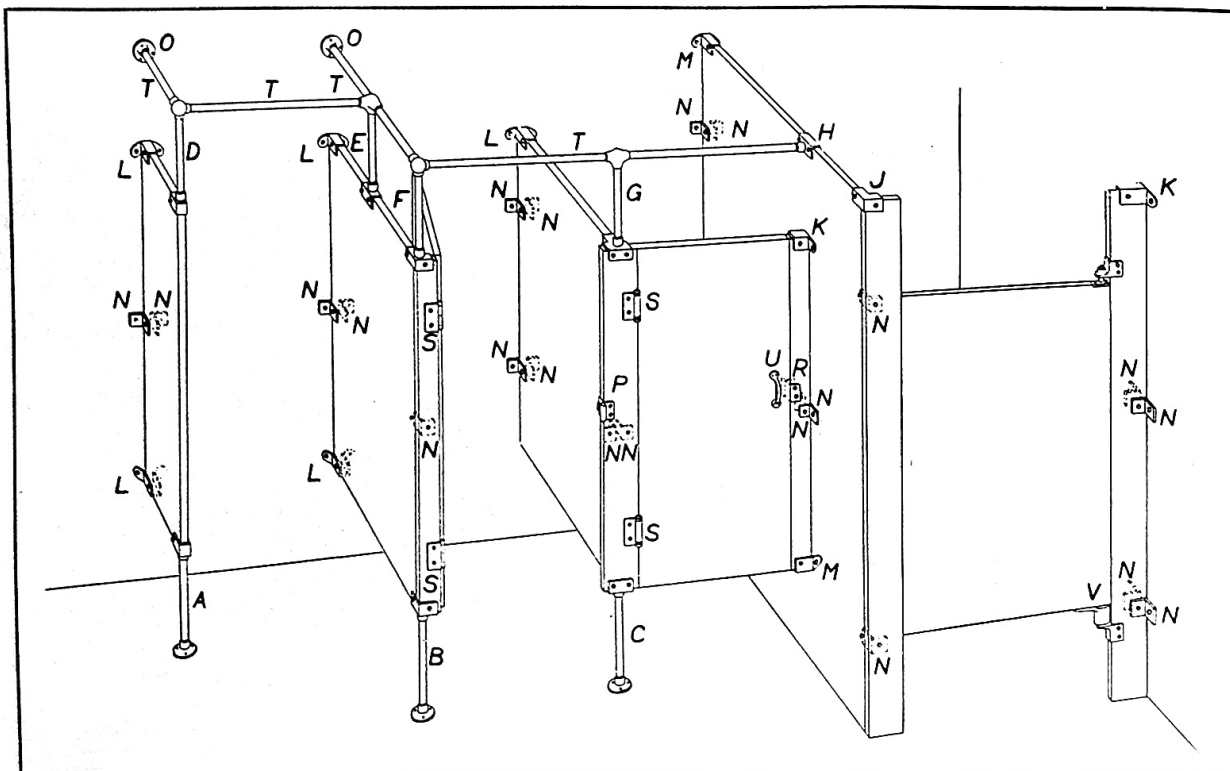
No. 83-C—For doors over 3' wide, up to and including 3'4" wide.

No. 83-D—For doors over 3'4" wide, up to and including 4' wide.

● selector chart Write for complete catalog on full line of checking floor hinges

	use	holdopen	non-holdopen	notes
double action	Light interior doors not over 2'8" wide	H80	80	The following holdopen hinges have automatic holder—When door is opened to 90 degrees it will be held open until released by a slight push. All checking floor hinges are furnished with durable top pivots.
	Interior doors not over 2'10" wide	H81	81	
	Interior doors not over 3' wide	H82	82	
	Interior doors not over 3'6" wide and entrance doors not over 2'10" wide	H86	86	
	Entrance doors over 2'10" wide	H87	87	
single action	Light interior doors not over 3' wide	H88	88	For Gothic or segment top doors use side jamb pivot type P4. The prefix letters indicate C center hung, H holdopen. Use prefix L or R for left or right hand doors.
	Interior doors not over 3'6" and entrance doors not over 2'10" wide	H88½	88½	
	Heavy entrance doors over 2'10" wide	H89	89	
	Center hung (same as 88)	HC88	C88	
	Center hung (same as 88½)	HC88½	C88½	
	Center hung (same as 89)	HC89	C89	
	Dixie offset closer for interior doors (see above)	83	83	
		(specify)		

Write for complete catalog



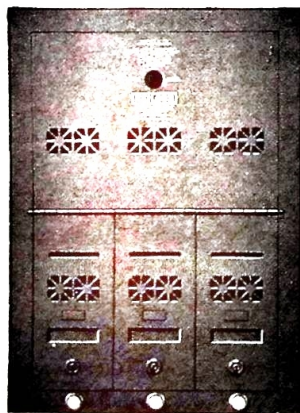
application of door and stall fittings

- A No. 1110 Bottom standard, end.
- B No. 1113 Bottom standard, corner.
- C No. 1112 Bottom standard, partition.
- D No. 1100B End clamp, corner ball fitting.
- E No. 1101C Center clamp, tee ball fitting.
- F No. 1103B Corner clamp, corner ball fitting.
- G No. 1102A Partition clamp, straight ball fitting.
- H No. 1156 Shower curtain rod socket, for partition.
- J No. 1138 Top corner partition clamp.
- K No. 1132 End support, left hand on top, right hand on bottom.

- L No. 1131 Center support.
- M No. 1130 End support, right hand on top, left hand on bottom.
- N No. 1137 Angle clamp.
- O No. 1142 Wall flange.
- P No. 1055 Strike and keeper, for rim bolt, door opening in.
- R No. 1057 Strike and keeper, for rim bolt, door opening out.
- S No. 1000 Clamp flange spring hinge.
- T Tubing.
- U No. 5020 Door Pull.
- V No. 1330 Gravity Hinge.

apartment house mail boxes

Write for complete details on wall cut-outs



3 Gang Group C.

Description

"Bommer" Government Approved Apartment House Mail Boxes are neat and artistic in design and are made of heavy wrought brass. They insure safety of the mail and are convenient for the carrier. They are built in accordance with United States Post Office Department Order No. 3979.

"Bommer" Boxes have been also improved by increased receptacle space, and are entirely free from all obstructions in the way of mechanical construction, yet retaining economy of wall space.

Specification Details

Made of heavy wrought brass with rust-resistant steel receptacles. Each box is (over all) 17 $\frac{1}{8}$ in. high and 3 $\frac{1}{2}$ in. wide. Receives mail up to 15x3 $\frac{1}{4}$ in. Visitor's card slot, 2 $\frac{1}{4}$ in. Tenant locks have 3 tumblers and have 210 changes.

Surface of boxes entirely flush and without any screws or fastenings showing to mar their appearance.

(Also available with stainless steel or coated steel front.)

Finishes

Finished in "Sprayed Brass." Other standard and sprayed finishes can be supplied. Prices on request. These finishes are best preserved by simply washing the surface with soap and water.

BOMMER SPRING HINGE CO., INC.

LANDRUM, SOUTH CAROLINA

U.S. Sales Representatives

James M. Southard & Son, Decatur, Georgia
Sloan & Dupree Co., Little Rock, Arkansas

Brooklyn office—A. N. Herten, J. Bertino, Harold Egbert

Chicago office—D. E. Foster, R. N. McConnell, J. M. Kehl

Rueger Co., Los Angeles, San Francisco, Portland, Oregon,
Seattle, Salt Lake City, Denver

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